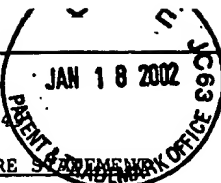


FORM PTO-144

INFORMATION DISCLOSURE STATEMENT


 ATTY. DOCKET NO.
0652.2260001/EKS/AES

 APPLICATION NO.
09/881,736

 APPLICANT
GLOTZER et al.

 FILING DATE
June 18, 2001

 GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	1	Adams, R.F. et al., "pavarotti encodes a kinesin-like protein required to organize the central spindle and contractile ring for cytokinesis," <i>Genes Dev.</i> 12:1483-1494, Cold Spring Harbor Laboratory Press (1998).
AS	1	Aktories, K. and Hall, A., "Botulinum ADP-ribosyltransferase C ₃ : a new tool to study low molecular weight GTP-binding proteins," <i>Trends Pharmacol. Sci.</i> 10:415-418, Elsevier Science Publishers Ltd. (1989).
AT	1	Bosher, J.M. and Labouesse, M., "RNA interference: genetic wand and genetic watchdog," <i>Nat. Cell Biol.</i> 2:E31-E36, Macmillan Publishers, Ltd. (February 2000).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

 ATTY. DOCKET NO.
0652.2260001/EKS/AES

 APPLICATION NO.
09/881,736

 APPLICANT
GLOTZER et al.

 FILING DATE
June 18, 2001

 GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	2	Boulianne, G.L. et al., "Production of functional chimaeric mouse/human antibody," <i>Nature</i> 312:643-646, Macmillan Publishing Group, Ltd. (1984).
AS	2	Busson, S. et al., "Dynein and dynactin are localized to astral microtubules and at cortical sites in mitotic epithelial cells," <i>Curr. Biol.</i> 8:541-544, Current Biology Ltd. (1998).
AT	2	Cao, L.-g. and Wang, Y.-l., "Signals from the Spindle Midzone Are Required for the Stimulation of Cytokinesis in Cultured Epithelial Cells," <i>Mol. Biol. Cell</i> 7:225-232, The American Society for Cell Biology (1996).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	3	Carmenta, M. et al., "Drosophila Polo Kinase Is Required for Cytokinesis," J. Cell Biol. 143:659-671, The Rockefeller University Press (1998).
AS	3	Carminati, J.L. and Stearns, T., "Microtubules Orient the Mitotic Spindle in Yeast through Dynein-dependent Interactions with the Cell Cortex," J. Cell Biol. 138:629-641, The Rockefeller University Press (1997).
AT	3	Case, R.B. et al., "Role of the kinesin neck linker and catalytic core in microtubule-based motility," Curr. Biol. 10:157-160, Elsevier Science Ltd. (January 2000).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	4	Castrillon, D.H. and Wasserman, S.A., "diaphanous is required for cytokinesis in <i>Drosophila</i> and shares domains of similarity with the products of the limb deformity gene," <i>Development</i> 120:3367-3377, The Company of Biologists Limited (1994).
AS	4	Chang, F. et al., "cdcl2p, a Protein Required for Cytokinesis in Fission Yeast, Is a Component of the Cell Division Ring and Interacts with Profilin," <i>J. Cell Biol.</i> 137:169-182, The Rockefeller University Press (1997).
AT	4	Chui, K.K. et al., "Roles of Two Homotetrameric Kinesins in Sea Urchin Embryonic Cell Division," <i>J. Biol. Chem.</i> 275:38005-38011, The American Society for Biochemistry and Molecular Biology, Inc. (December 2000).

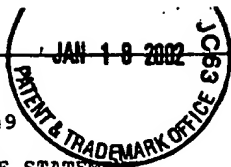
EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>5</u>	Drechsel, D.N. et al., "A requirement for Rho and Cdc42 during cytokinesis in <i>Xenopus</i> embryos," <i>Curr. Biol.</i> 7:12-23, Current Biology Ltd. (1996).
AS	<u>5</u>	Dutaytre, H. et al., "Cytokinesis arrest and redistribution of actin-cytoskeleton regulatory components in cells expressing the Rho GTPase CDC42Hs," <i>J. Cell Sci.</i> 109:367-377, The Company of Biologists Limited (1996).
AT	<u>5</u>	Echard, A. et al., "Interaction of a Golgi-Associated Kinesin-Like Protein with Rab6," <i>Science</i> 279:580-585, The American Association for the Advancement of Science (1998).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

JAN 18 2002

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>6</u>	Eckley, D.M. et al., "Chromosomal Proteins and Cytokinesis: Patterns of Cleavage Furrow Formation and Inner Centromere Protein Positioning in Mitotic Heterokaryons and Mid-anaphase Cells," J. Cell Biol. 136:1169-1183, The Rockefeller University Press (1997).
AS	<u>6</u>	Evangelista, M. et al., "Bnlp, a Yeast Formin Linking Cdc42p and the Actin Cytoskeleton During Polarized Morphogenesis," Science 276:118-122, The American Association for Advancement of Science (1997).
AT	<u>6</u>	Field, C. et al., "Cytokinesis in eukaryotes: a mechanistic comparison," Curr. Opin. Cell Biol. 11:68-80, Elsevier Science Ltd. (February 1999).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	1	Fire, A. et al., "Potent and specific genetic interference by double-stranded RNA in <i>Caenorhabditis elegans</i> ," <i>Nature</i> 391:806-811, Macmillan Publishers, Ltd. (1998).
AS	1	Fire, A., "RNA-triggered gene silencing," <i>Trends Genet.</i> 15:358-363, Elsevier Science Ltd. (September 1999).
AT	1	Fontijn, R.D. et al., "The Human Kinesin-Like Protein RB6K Is under Tight Cell Cycle Control and Is Essential for Cytokinesis," <i>Mol. Cell. Biol.</i> 21:2944-2955, American Society for Microbiology (April 2001).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

JAN 18 2002

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	8	Fujiwara, T. et al., "Bniip Regulates Microtubule-Dependent Nuclear Migration through the Actin Cytoskeleton in <i>Saccharomyces cerevisiae</i> ," <i>Mol. Cell. Biol.</i> 19:8016-8027, American Society for Microbiology (December 1999).
AS	8	Gentz, R. et al., "Bioassay for trans-activation using purified human immunodeficiency virus tat-encoded protein: Trans-activation requires mRNA synthesis," <i>Proc. Natl. Acad. Sci. USA</i> 86:821-824, The National Academy of Sciences (1989).
AT	8	Giansanti, M.G. et al., "Cooperative interactions between the central spindle and the contractile ring during <i>Drosophila</i> cytokinesis," <i>Genes Dev.</i> 12:396-410, Cold Spring Harbor Laboratory Press (1998).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	2	Glutzer, M., "Cytokinesis," Curr. Biol. 7:R274-R276, Current Biology Ltd. (1997).
AS	2	Glutzer, M., "The mechanism and control of cytokinesis," Curr. Opin. Cell Biol. 9:815-823, Current Opinion Ltd. (1997).
AT	2	Gönczy, P. et al., "Dissection of Cell Division Processes in the One Cell Stage <i>Caenorhabditis elegans</i> Embryo by Mutational Analysis," J. Cell Biol. 144:927-946, The Rockefeller University Press (March 1999).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	10	Gönczy, P. et al., "Cytoplasmic Dynein is Required for Distinct Aspects of MTOC Positioning, Including Centrosome Separation, in the One Cell Stage <i>Caenorhabditis elegans</i> Embryo," <i>J. Cell Biol.</i> 147:135-150, The Rockefeller University Press (October 1999).
AS	10	Graziano, R.F. et al. "Construction and Characterization of a Humanized Anti-γ-Ig Receptor Type I (FcγRI) Monoclonal Antibody," <i>J. Immunol.</i> 155:4996-5002, The American Association of Immunologists (1995).
AT	10	Hazlett, T.L. et al., "Solution Dynamics of p21 ^{ras} Proteins Bound with Fluorescent Nucleotides: A Time-Resolved Fluorescence Study," <i>Biochemistry</i> 32:13575-13583, American Chemical Society (1993).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>11</u>	Hill, E. et al., "The Rab6-binding kinesin, Rab6-KIFL, is required for cytokinesis," <i>EMBO J.</i> 19:5711-5719, European Molecular Biology Organization (November 2000).
AS	<u>11</u>	Hirose, K. et al., "MgcRacGAP Is Involved in Cytokinesis through Associating with Mitotic Spindle and Midbody," <i>J. Biol. Chem.</i> 276:5821-5828, The American Society for Biochemistry and Molecular Biology, Inc. (February 2001).
AT	<u>11</u>	Huxley, J.H. and Meyer, T., "Subcellular targeting by membrane lipids," <i>Curr. Opin. Cell Biol.</i> 13:146-152, Elsevier Science Ltd. (April 2001).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	12	Hyman, A.A., "Centrosome Movement in the Early Divisions of <i>Caenorhabditis elegans</i> : A Cortical Site Determining Centrosome Position," J. Cell Biol. 109:1185-1193, The Rockefeller University Press (1989).
AS	12	Hyman, A.A. and White, J.G., "Determination of Cell Division Axes in the Early Embryogenesis of <i>Caenorhabditis elegans</i> ," J. Cell Biol. 105:2123-2135, The Rockefeller University Press (1987).
AT	12	Imamura, H. et al., "Bnlp and Bnrlp: downstream targets of the Rho family small G-proteins which interact with profilin and regulate actin cytoskeleton in <i>Saccharomyces cerevisiae</i> ," EMBO J. 16:2745-2755, Oxford University Press (1997).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT


 ATTY. DOCKET NO.
0652.2260001/EKS/AES

 APPLICATION NO.
09/881,736

 APPLICANT
GLOTZER et al.

 FILING DATE
June 18, 2001

 GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>13</u>	Jantsch-Plunger, V. and Glotzer, M., "Depletion of syntaxins in the early <i>Caenorhabditis elegans</i> embryo reveals a role for membrane fusion events in cytokinesis," <i>Curr. Biol.</i> 9:738-745, Current Biology Ltd. (June 1999).
AS	<u>13</u>	Jantsch-Plunger, V. et al., "CYK-4: A Rho Family GTPase Activating Protein (GAP) Required for Central Spindle Formation and Cytokinesis," <i>J. Cell Biol.</i> 149:1391-1404, The Rockefeller University Press (June 2000).
AT	<u>13</u>	Kaitna, S. et al., "Incenp and an Aurora-like kinase form a complex essential for chromosome segregation and efficient completion of cytokinesis," <i>Curr. Biol.</i> 10:1172-1181, Elsevier Science Ltd. (September 2000).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

JAN 18 2002

TRADEMARK OFFICE 590C

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	14	Kishi, K. et al., "Regulation of Cytoplasmic Division of <i>Xenopus</i> Embryo by rho p21 and Its Inhibitory GDP/GTP Exchange Protein (rho GDI)," <i>J. Cell Biol.</i> 120:1187-1195, The Rockefeller University Press (1993).
AS	14	Kosako, H. et al., "Specific accumulation of Rho-associated kinase at the cleavage furrow during cytokinesis: cleavage furrow-specific phosphorylation of intermediate filaments," <i>Oncogene</i> 18:2783-2788, Stockton Press (April 1999).
AT	14	Kull, F.J. et al., "Crystal structure of the kinesin motor domain reveals a structural similarity to myosin," <i>Nature</i> 380:550-555, Macmillan Publishers Ltd. (1996).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

 ATTY. DOCKET NO.
0652.2260001/EKS/AES

 APPLICATION NO.
09/881,736

 APPLICANT
GLOTZER et al.

 FILING DATE
June 18, 2001

 GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>15</u>	Kuriyama, R. et al., "Heterogeneity and microtubule interaction of the CHO1 antigen, a mitosis-specific kinesin-like protein. Analysis of subdomains expressed in insect sf9 cells," J. Cell Sci. 107:3485-3499, The Company of Biologists Limited (1994).
AS	<u>15</u>	Lamarche, N. and Hall, A., "GAPs for rho-related GTPases," Trends Genet. 10:436-440, Elsevier Science Ltd. (1994).
AT	<u>15</u>	Larkin, K. and Danilchik, M.V., "Microtubules Are Required for Completion of Cytokinesis in Sea Urchin Eggs," Dev. Biol. 214:215-226, Academic Press (October 1999).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>16</u>	Lee, K.S. et al., "Plk Is an M-Phase-Specific Protein Kinase and Interacts with a Kinesin-Like Protein, CHO1/MKLP-1," <i>Mol. Cell. Biol.</i> 15:7143-7151, American Society for Microbiology (1995).
AS	<u>16</u>	Lewis, J.A. and Fleming, J.T., "Basic Culture Methods," <i>Methods Cell Biol.</i> 48:3-29, Academic Press, Inc. (1995).
AT	<u>16</u>	Mabuchi, I. et al., "A rho-like protein is involved in the organisation of the contractile ring in dividing sand dollar eggs," <i>Zygote</i> 1:325-331, Cambridge University Press (1993).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>17</u>	Mackay, A.M. et al., "A Dominant Mutant of Inner Centromere Protein (INCENP), a Chromosomal Protein, Disrupts Prometaphase Congression and Cytokinesis," J. Cell Biol. 140:991-1002, The Rockefeller University Press (1998).
AS	<u>17</u>	Martineau-Thuillier, S. et al., "Colocalization of TD-60 and INCENP throughout G2 and mitosis: evidence for their possible interaction in signalling cytokinesis," Chromosoma 107:461-470, Springer-Verlag (1998).
AT	<u>17</u>	Mastrorarde, D.N. et al., "Interpolar Spindle Microtubules in PTK Cells," J. Cell Biol. 123:1475-1489, The Rockefeller University Press (1993).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	18	Mello, C.C. et al., "Efficient gene transfer in <i>C.elegans</i> : extrachromosomal maintenance and integration of transforming sequences," <i>EMBO J.</i> 10:3959-3970, Oxford University Press (1991).
AS	18	Miller, R.K. et al., "The Cortical Localization of the Microtubule Orientation Protein, Kar9p, Is Dependent upon Actin and Proteins Required for Polarization," <i>J. Cell Biol.</i> 144:963-975, The Rockefeller University Press (March 1999).
AT	18	Moorman, J.P. et al., "Inactivation of the Small GTP Binding Protein Rho Induces Multinucleate Cell Formation and Apoptosis in Murine T Lymphoma EL4," <i>J. Immunol.</i> 156:4146-4153, The American Association of Immunologists (1996).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	19	Neuberger, M.S. et al., "Recombinant antibodies possessing novel effector functions," <i>Nature</i> 312:604-608, Macmillan Publishers Ltd. (1984).
AS	19	Nislow, C. et al., "A plus-end-directed motor enzyme that moves antiparallel microtubules in vitro localizes to the interzone of mitotic spindles," <i>Nature</i> 359:543-547, Macmillan Publishers Ltd. (1992).
AT	19	O'Connell, K.F. et al., "A Genetic Screen for Temperature-Sensitive Cell-Division Mutants of <i>Caenorhabditis elegans</i> ," <i>Genetics</i> 149:1303-1321 (1998).

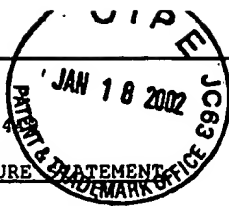
EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-14

INFORMATION DISCLOSURE


 ATTY. DOCKET NO.
0652.2260001/EKS/AES

 APPLICATION NO.
09/881,736

 APPLICANT
GLOTZER et al.

 FILING DATE
June 18, 2001

 GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	20	O'Connell, C.B. et al., "The Small GTP-binding Protein Rho Regulates Cortical Activities in Cultured Cells during Division," J. Cell Biol. 144:305-313, The Rockefeller University Press (January 1999).
AS	20	Okada, Y. and Hirokawa, N., "Mechanism of the single-headed processivity: Diffusional anchoring between the K-loop of kinesin and the C terminus of tubulin," Proc. Natl. Acad. Sci. USA 97:640-645, The National Academy of Sciences (January 2000).
AT	20	Powers, J. et al., "A nematode kinesin required for cleavage furrow advancement," Curr. Biol. 8:1133-1136, Current Biology Ltd. (1998).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	21	Prokopenko, S.N. et al., "A putative exchange factor for Rho1 GTPase is required for initiation of cytokinesis in <i>Drosophila</i> ," <i>Genes Dev.</i> 13:2301-2314, Cold Spring Harbor Laboratory Press (September 1999).
AS	21	Raich, W.B. et al., "Cytokinesis and Midzone Microtubule Organization in <i>Caenorhabditis elegans</i> Require the Kinesin-like Protein ZEN-4," <i>Mol. Biol. Cell</i> 9:2037-2049, The American Society for Cell Biology (1998).
AT	21	Rappaport, R., "Repeated Furrow Formation From a Single Mitotic Apparatus in Cylindrical Sand Dollar Eggs," <i>J. Exp. Zool.</i> 234:167-171, Alan R. Liss, Inc. (1985).

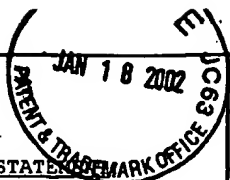
EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT


 ATTY. DOCKET NO.
0652.2260001/EKS/AES

 APPLICATION NO.
09/881,736

 APPLICANT
GLOTZER et al.

 FILING DATE
June 18, 2001

 GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	22	Reddien, P. and Horvitz, H.R., "CED-2/CrkII and CED-10/Rac control phagocytosis and cell migration in <i>Caenorhabditis elegans</i> ," Nat. Cell Biol. 2:131-136, Macmillan Publishers Inc. (March 2000).
AS	22	Rice, S. et al., "A structural change in the kinesin motor protein that drives motility," Nature 402:778-784, Macmillan Publishers Inc. (December 1999).
AT	22	Riechmann, L. et al., "Reshaping human antibodies for therapy," Nature 332:323-327, Macmillan Publishers Inc. (1988).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

JAN 18 2002

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	23	Rieder, C.L. et al., "Mitosis in vertebrate somatic cells with two spindles: Implications for the metaphase/anaphase transition checkpoint and cleavage," <i>Proc. Natl. Acad. Sci. USA</i> 94:5107-5112, The National Academy of Sciences (1997).
AS	23	Sablin, E.P. et al., "Crystal structure of the motor domain of the kinesin-related motor ncd," <i>Nature</i> 380:555-559, Macmillan Publishers Inc. (1996).
AT	23	Savoian, M.S. et al., "Cleavage Furrows Formed between Centrosomes Lacking an Intervening Spindle and Chromosomes Contain Microtubule Bundles, INCENP, and CHO1 but Not CENP-E," <i>Mol. Biol. Cell</i> 10:297-311, The American Society for Cell Biology (February 1999).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT


 ATTY. DOCKET NO.
0652.2260001/EKS/AES

 APPLICATION NO.
09/881,736

 APPLICANT
GLOTZER et al.

 FILING DATE
June 18, 2001

 GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	24	Saxton, W.M. and McIntosh, J.R., "Interzone Microtubule Behavior in Late Anaphase and Telophase Spindles," J. Cell Biol. 105:875-886, The Rockefeller University Press (1987).
AS	24	Schumacher, J.M. et al., "AIR-2: An Aurora/Ipl1-related Protein Kinase Associated with Chromosomes and Midbody Microtubules Is Required for Polar Body Extrusion and Cytokinesis in <i>Caenorhabditis elegans</i> Embryos," J. Cell Biol. 143:1635-1646, The Rockefeller University Press (1998).
AT	24	Settleman, J. and Foster, R., "Purification and GTPase-Activating Protein Activity of Baculovirus Expressed p190," Methods Enzymol. 256:105-113, Academic Press, Inc. (1995).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

JAN 18 2001

Page 25 of 34

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	25	Severson, A.F. et al., "The Aurora-related kinase AIR-2 recruits ZEN-4/CemKLP1 to the mitotic spindle at metaphase and is required for cytokinesis," <i>Curr. Biol.</i> 10:1162-1171, Current Biology Ltd. (September 2000).				
	AS	25	Sharp, D.J. et al., "Expression of a Kinesin-Related Motor Protein Induces Sf9 Cells to Form Dendrite-Like Processes with Nonuniform Microtubule Polarity Orientation," <i>J. Neurosci.</i> 16:4370-4375, Society for Neuroscience (1996).				
	AT	25	Sharp, P.A., "RNAi and double-strand RNA," <i>Genes Dev.</i> 13:139-141, Cold Spring Harbor Laboratory Press (January 1999).				

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	26	Skop, A.R. and White, J.G., "The dynactin complex is required for cleavage plane specification in early <i>Caenorhabditis elegans</i> embryos," <i>Curr. Biol.</i> 8:1110-1116, Current Biology Ltd. (1998).
AS	26	Sugihara, K. et al., "Rac1 is required for the formation of three germ layers during gastrulation," <i>Oncogene</i> 17:3427-3433, Stockton Press (1998).
AT	26	Sulston, J.E. and Horvitz, H.R., "Post-embryonic Cell Lineages of the Nematode, <i>Caenorhabditis elegans</i> ," <i>Dev. Biol.</i> 56:110-156, Academic Press, Inc. (1977).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	27	Swan, K.A. et al., "cyk-1: a <i>C. elegans</i> FH gene required for a late step in embryonic cytokinesis," <i>J. Cell Sci.</i> 111:2017-2027, The Company of Biologists Ltd. (1998).
AS	27	Tatsumoto, T. et al., "Human ECT2 Is an Exchange Factor for Rho GTPases, Phosphorylated in G2/M phases, and Involved in Cytokinesis," <i>J. Cell Biol.</i> 147:921-927, The Rockefeller University Press (November 1999).
AT	27	Timmons, L., and Fire, A., "Specific interference by ingested dsRNA," <i>Nature</i> 395:854, Macmillan Publishers Inc. (1998).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-144

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER *et al.*FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	28	Touré, A. <i>et al.</i> , "MgcRacGAP, A New Human GTPase-activating Protein for Rac and Cdc42 Similar to <i>Drosophila rotundRacGAP</i> Gene Product, Is Expressed in Male Germ Cells," <i>J. Biol. Chem.</i> 273:6019-6023, The American Society for Biochemistry and Molecular Biology, Inc. (1998).
AS	28	Vale, R.D. and Fletterick, R.J., "The Design Plan of Kinesin Motors," <i>Annu. Rev. Cell Dev. Biol.</i> 13:745-777, Annual Reviews, Inc. (1997).
AT	28	Vale, R.D. and Milligan, R.A., "The Way Things Move: Looking Under the Hood of Molecular Motor Proteins," <i>Science</i> 288:88-95, The American Association for the Advancement of Science (April 2000).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

JAN 18 2002
 PATENT & TRADEMARK OFFICE

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
 0652.2260001/EKS/AES

APPLICATION NO.
 09/881,736

APPLICANT
 GLOTZER et al.

FILING DATE
 June 18, 2001

GROUP
 1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	29	Van Aelst, L. and D'Souza-Schorey, C., "Rho GTPases and signaling networks," <i>Genes Dev.</i> 11:2295-2322, Cold Spring Harbor Laboratory Press (1997).
AS	29	Van de Putte, T. et al., "Mice with a homozygous gene trap vector insertion in <i>mgCRacGAP</i> die during pre-implantation development," <i>Mech. Dev.</i> 102:33-44, Elsevier Science Ireland Ltd. (April 2001).
AT	29	Waddle, J.A. et al., "Transient localized accumulation of actin in <i>Caenorhabditis elegans</i> blastomeres with oriented asymmetric divisions," <i>Development</i> 120:2317-2328, The Company of Biologists Limited (1994).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Duplicate

TECH CENTER 1600/2900

JAN 8 2002

RECEIVED

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	30	Watanabe, N. et al., "p140mDia, a mammalian homolog of <i>Drosophila</i> diaphanous, is a target protein for Rho small GTPase and is a ligand for profilin," <i>EMBO J.</i> 16:3044-3056, Oxford University Press (1997).
AS	30	Wheatley, S.P. and Wang, Y.-l., "Midzone Microtubule Bundles Are Continuously Required for Cytokinesis in Cultured Epithelial Cells," <i>J. Cell Biol.</i> 135:981-989, The Rockefeller University Press (1996).
AT	30	Wilson, I.A. et al., "The Structure of an Antigenic Determinant in a Protein," <i>Cell</i> 37:767-778, The Massachusetts Institute of Technology (1984).

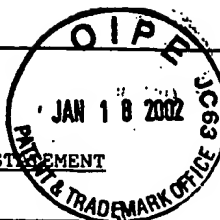
EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT


 ATTY. DOCKET NO.
0652.2260001/EKS/AES

 APPLICATION NO.
09/881,736

 APPLICANT
GLOTZER et al.

 FILING DATE
June 18, 2001

 GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	31	Winnacker, E.-L., "Directed Mutagenesis," in <i>From Genes to Clones: Introduction to Gene Technology</i> , Winnacker, E.-L., ed., VCH Verlagsgesellschaft mbH, Weinheim, Germany, pp. 451-481 (1987).
AS	31	Woollard, A. and Hodgkin, J., "Stu-71air-2 is a <i>C. elegans</i> aurora homologue essential for chromosome segregation during embryonic and post-embryonic development," <i>Mech. Dev.</i> 82:95-108, Elsevier Science Ireland Ltd. (April 1999).
AT	31	Swiss Institute of Bioinformatics and the European Bioinformatics Institute, SWISS-PROT report, Accession No. P01121 (entered July 1986).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-144

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	32	Swiss Institute of Bioinformatics and the European Bioinformatics Institute, SWISS-PROT report, Accession No. P06749 (entered January 1988).
AS	32	Swiss Institute of Bioinformatics and the European Bioinformatics Institute, SWISS-PROT report, Accession No. P08134 (entered August 1988).
AT	32	Swiss Institute of Bioinformatics and the European Bioinformatics Institute, SWISS-PROT report, Accession No. P15153 (entered April 1990).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	33	Swiss Institute of Bioinformatics and the European Bioinformatics Institute, SWISS-PROT report, Accession No. P15154 (entered April 1990).
AS	33	Swiss Institute of Bioinformatics and the European Bioinformatics Institute, SWISS-PROT report, Accession No. P21181 (entered May 1991).
AT	33	Swiss Institute of Bioinformatics and the European Bioinformatics Institute, SWISS-PROT report, Accession No. O14658 (entered July 1998).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL					Yes No
	AM					Yes No
	AN					Yes No
	AO					Yes No
	AP					Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	34	NCBI Entrez, GenBank Report, Accession No. X67155, Nislow, C. et al. (January 2000).
AS	34	NCBI Entrez, GenBank Report, Accession No. U61955, The C. elegans Sequencing Consortium (September 2001).
AT		

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.